

Startup Parameters N-R

The startup parameter descriptions are listed in alphabetical order by their names. This part covers the range **N-R**.

Note:

Elements in italics (e.g. *name*) denotes a variable that must be replaced by a real value, for example, a name.

NABS

Operating System	Type	Default
OS/390, VSE/ESA, BS2000/OSD	Optional	10

The number of attached buffers to be used. An attached buffer is an internal buffer used for interregion communication. An attached buffer pool will be allocated of a size equal to the value specified here multiplied by 4112.

NATDYNPAR

Operating System	Type	Default
BS2000/OSD	Optional	SYSDTA

On BS2000/OSD, Natural subtasking is starting a batch task running a Natural nucleus. The Natural batch driver can be configured to read dynamic startup parameters from FILE, SYSIPT or SYSDTA. The NATDYNPAR value must be set to the same value as the parameter DYNPAR in the NAMBS2 macro of your Natural batch driver to read the dynamic parameters for the Natural subtask from the correct input unit.

Please use the new Natural subtask skeletons to benefit from this startup setting. Possible values:

Value	Explanation
FILE	Dynamic parameters are read from a sequential file temporarily created in the Natural subtask JCL skeleton. It will be assigned with a FILE command by using the LINK name CMPRMIN.
SYSDTA	Dynamic parameters are read from SYSDTA.
SYSIPT	Dynamic parameters are read from SYSIPT. Please check your environment if data input by means of the system file SYSIPT is supported.

For more information about Natural subtasks, see the subsection Aspects of Running System Automation Tools in Entire System Server on BS2000/OSD in the Section BS2000/OSD Considerations of the Entire System Server Administration Documentation.

NATMOD

Operating System	Type	Default
OS/390, VSE/ESA	Optional	There is no default name.

Name of the linked Natural used for subtasking. Refer to the Entire System Server Installation Documentation for details on how to create this module.

NATNUMSUB

Operating System	Type	Default
OS/390, VSE/ESA, BS2000/OSD	Optional	0

Number of Natural subtasks.

NATSYSOUT

Operating System	Type	Default
OS/390	Optional	Z

This parameter indicates a SYSOUT class to which the output of Natural subtasks running in Entire System Server's address space can be written (for example: NCL, NOM, NOP).

NCQE

Operating System	Type	Default
OS/390, VSE/ESA, BS2000/OSD	Optional	10

The number of command queue elements to be established. This value determines the maximum number of Entire System Server commands which can be queued and/or be in progress at any one time when the Entire System Server is in use. Each Entire System Server command is assigned a command queue element. This element is released when the user has received the results of the command or when the user has been timed out. 192 bytes are required for each command queue element.

NODE

Operating System	Type	Default
OS/390, VSE/ESA, BS2000/OSD	Required	There is no default. <i>n</i> must be a value greater than or equal to 1 and less than or equal to 65535.

The Entire System Server DBID. It must be unique for each Entire System Server node.

If you set the parameter LOCAL=YES, you can use the same node number for different installations of Entire System Server in an Entire Net-Work environment.

NONACT

Operating System	Type	Default
OS/390, VSE/ESA, BS2000/OSD	Optional	60

The non-activity time (in minutes). If a user has not issued a request to the Entire System Server during this time interval, the user is logged off, and the resources of the user will be freed.

NONACT=0 is rejected as invalid parameter value.

NUMFAT

Operating System	Type	Default
BS2000/OSD	Optional	128

Number of Fast Access Tables (minimum 0, maximum 256, size per table 8K). These tables are used for READ-FILE requests to cache the number of records per block for SAM files. Once a Fast Access Table is created for a SAM file, it improves the performance of accessing this file directly per RECORD-NUMBER.

NUMFAT=0 is used to disable this feature of READ-FILE.

NUMLIBS

Operating System	Type	Default
VSE/ESA	Optional	300

Maximum number of entries in the file ID table.

NUMMAIL

Operating System	Type	Default
BS2000/OSD	Optional	0

Number of E-Mail control and data entries temporarily saved in E-Mail memory pool. This storage is needed for Interprocess Communication between EYSERV and ESYMAIL tasks of Entire System Server. The size of the E-Mail memory pool is defined by 32 bytes for one control block entry plus 1024 bytes for one data block entry multiplied by the NUMMAIL value. Maximum is 4096 entries.

For more information about E-Mail administration, see the subsection Run E-Mail Client in Common Entire System Server Features in the Entire System Server Administration Documentation.

NUMTASK

Operating System	Type	Default
VSE/ESA, BS2000/OSD	Optional	VSE/ESA: 15, BS2000/OSD: 4

Number of tasks to be started for user requests as part of the Entire System Server initialization.

If Dynamic Server Management is enabled, NUMTASK specifies the number of Server Tasks started during initialization of Entire System Server.

For detailed information, see the Section Dynamic Server Management for Entire System Server in the Section Common Entire System Server Features of the Entire System Server Administration Documentation.

NUMUSER

Operating System	Type	Default
BS2000/OSD	Optional	128

Number of ESY users (minimum 10, maximum 512). This value specifies the maximum number of users working in parallel. Please note that the length of a user session is fixed by the NONACT parameter.

PRMCONS

Operating System	Type	Default	Maximum Value Length
BS2000/OSD	Optional	There is no default.	120 bytes

Parameters for Enter of Console Task. If startup parameter SDF is set to YES, values must be specified in SDF syntax.

PRMEMAIL

Operating System	Type	Default	Maximum Value Length
BS2000/OSD	Optional	There is no default.	120 bytes

Parameter for /ENTER of E-Mail Manager Task. If startup parameter SDF is set to YES, values must be specified in SDF syntax.

PRMEVENT

Operating System	Type	Default	Maximum Value Length
BS2000/OSD	Optional	There is no default.	120 bytes

Parameters for Enter of Eventing Task. If startup parameter SDF is set to YES, values must be specified in SDF syntax.

PRMNATSUB

Operating System	Type	Default	Maximum Value Length
BS2000/OSD	Optional	There is no default.	120 bytes

Parameters for Enter of initial task for Natural subtask. If startup parameter SDF is set to YES, values must be specified in SDF syntax.

PRMSERVER

Operating System	Type	Default	Maximum Value Length
BS2000/OSD	Optional	There is no default.	120 bytes

Parameters for Enter of Server Task(s). If startup parameter SDF is set to YES, values must be specified in SDF syntax.

PRODUCT

Operating System	Type	Default
OS/390, BS2000/OSD	Optional	There is no default.

Name of additional library management systems. You must specify the parameter for each supported subsystem. Possible options:

Option	Explanation
L	CA-Librarian
M	LMS
P	CA-Panvalet

RECALL

Operating System	Type	Default
OS/390, BS2000/OSD	Optional.	YES

Specifies whether migrated datasets can be recalled. Possible options:

Option	Explanation
YES	Default. Migrated datasets can be recalled automatically.
NO	Migrated datasets cannot be recalled automatically.

If you are using Natural ISPF Version 2.1.1 or above, set RECALL=YES.

This parameter is used for products such as IBM's DFSMSHsm or FDR which uses the SVC 109 for migration, or Siemens' HSMS.

OS/390 only: if RECALL=NO, you must start the recall using the view FILE-MAINTENANCE, FUNCTION='RECALL'.